

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-901/9011-11-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9011-11-4
Code:
M

RTECS:

Code:
X

Name:
ETHENYLBENZENE, COPOLYMER W/ (1-METHYLETHENYL) BE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WEAR A SELF-CONTAINED BREATHING APPARATUS. POSITIVE-PRESSURE HOSE MASK. AIR LINE MASKS & NIOSH APPROVED INDUSTRIAL CANISTER TYPE ORGANIC VAPOR MASK.

Ventilation:
LOCAL EXHAUST: ADEQUATE.

Protective Gloves:
ONLY REQUIRED FOR LONG TIME CONTACT.

Eye Protection:
EYE GLASSES OR FACE SHIELD

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices:
REMOVE &WASH CONTAMINATED CLOTHES BEFORE REUSE. WASH HANDS THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
LD50 ORAL (RAT): 5000 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: DEFATTING & DERMATITIS. INHALATION: NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS, NAUSEA & LOSS OF CONSCIOUSNESS. INGESTION: NAUSEA, VOMITING & GASTROINTESTINAL IRRITATION. SKIN: IRRITATION. EYES: MILD IRRITATION, REDNESS & DISCOMFORT. 2

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
SKIN: DEFATTING & DERMATITIS. INHALATION: NERVOUS SYSTEM DEPRESSION. INGESTION: KIDNEY DAMAGE. CHEMICAL PNEUMONITIS & POSSIBLE DEATH.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. TREAT SYMTOMATICALLY. IF BREATHING SS, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYE: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATE R. THEN APPLY SOOTHING EMOLIENT. INGESTION: DON'T INDUCE VOMITING. ASPIRATION HAZARD. KEEP HEAD BELOW HIPS. OBTAIN MEDICAL ATTENTION. PHYSICIAN NOTE: GASTRIC LAVAGE INDICATED OR CUFFED ENDOTRACHEAL.

Spill Release Procedures:
SM SPILLS: MOP-UP OR SOAK IMMEDIATELY. REMOVE TO OUT OF DOORS. LG SPILLS: EVACUATE AREA. CONTAIN LIQUID. TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS. REGARDING HEALTH & POLLUTION. GENERALLY THE TUBE CAN BE EMTIED, WRAPPED IN NEWSPAPER & DISCARDED IN THE TRASH.

Handling And Storage Precautions:
DON'T ENTER PITS OR STORAGE TANKS WHERE VAPORS CAN BE TRAPPED. READ ENTIRE LABEL BEFORE USING PRODUCT.

Other Precautions:
DON'T GET INTO EYES. DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID VAPORS. VAPORS ARE HEAVIER THAN AIR.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
40F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL & WATER SPRAY

Fire Fighting Procedures:
WEAR NIOSH/MSHA APPROVED RESPIRATOR WHEN FIGHTING FIRES IN CONFINED AREAS TO PREVENT EXPOSURE TO ACRID SMOKE, TOXIC & CORRISIVE DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:
CONTAINERS EXPOSED TO HEAT FROM FIRES SHOULD BE COOLED W/WATER TO PREVENT VAPOR PRESSURE WHICH COULD RESULT IN CONTAINER RUPTURE. 3

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
231F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
22

Vapor Density:
3.2

Volatile Org Content %:

Spec Gravity:
0.9

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC = 1):

Solubility in Water:
NEGILIGIBLE

Appearance and Odor:
CLEAR COLORLESS, AROMATIC GEL

Percent Volatiles by Volume:
67%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
OPEN FLAMES, WELDING ARCS OR HIGH TEMPERATURES SOURCES WHICH INDUCE THERMAL DECOMPOSITION. 4

Materials To Avoid:
STRONG OXIDIZERS.

Hazardous Decomposition Products:
CO, &OTHER UNSPECIFIED PRODUCTS OF INCOMPLETE COMBUSTION.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P